

**Table 251. Energy Consumption Estimates by Source, Selected Years 1960-1997, Rhode Island**

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum											Nuclear Electric Power	Hydro-electric Power <sup>d</sup>		Net Interstate Flow of Electricity/Losses <sup>g</sup>	Total <sup>h</sup>
			Asphalt & Road Oil <sup>a</sup>	Aviation Gasoline <sup>a</sup>	Distillate Fuel <sup>a</sup>	Jet Fuel <sup>a</sup>	Kerosene <sup>a</sup>	LPG <sup>a</sup>	Lubri-cants <sup>a</sup>	Motor Gasoline	Residual Fuel <sup>a</sup>	Other <sup>a,c</sup>	Total					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels											Million kWh	Biomass <sup>e</sup>	Other <sup>a,f</sup>	Million kWh	
1960	598	12	735	19	8,106	38	886	207	155	5,975	9,827	221	26,170	0	9	-	467	-
1965	419	16	907	63	6,879	49	666	223	153	6,492	6,276	337	22,045	0	2	-	4,095	-
1970	10	25	937	148	8,631	137	432	375	125	8,009	9,727	313	28,833	0	3	-	7,135	-
1975	7	23	1,330	285	8,003	271	128	498	97	8,972	4,389	149	24,122	0	3	-	12,289	-
1980	7	28	1,041	269	5,032	348	84	293	132	8,416	2,525	539	18,680	0	1	-	14,042	-
1985	9	30	2,974	30	4,452	498	135	501	120	8,665	2,232	127	19,735	0	421	-	14,794	-
1986	28	26	1,479	35	5,302	387	168	585	117	8,938	3,771	71	20,853	0	6	-	15,916	-
1987	5	36	1,773	42	6,055	528	110	669	133	9,140	2,318	79	20,845	0	9	-	16,351	-
1988	175	31	1,741	46	5,935	636	115	564	128	9,277	3,042	62	21,547	0	678	-	15,346	-
1989	27	34	1,605	46	5,902	724	63	502	131	8,874	1,701	59	19,606	0	i NA	-	R 18,397	-
1990	5	36	1,634	42	4,636	776	54	501	135	8,765	1,439	58	18,040	0	NA	-	R 17,594	-
1991	4	54	461	30	5,065	656	52	466	121	8,681	1,099	13	16,642	0	NA	-	R 19,030	-
1992	5	78	1,502	30	5,307	556	51	456	123	8,756	1,204	14	17,999	0	NA	-	R 16,683	-
1993	3	76	819	8	5,470	527	50	513	125	8,883	1,320	15	17,730	0	NA	-	16,884	-
1994	3	71	1,256	10	5,930	529	50	501	131	8,630	1,180	15	18,233	0	NA	-	R 18,304	-
1995	3	70	990	22	5,732	500	64	461	129	8,927	949	15	17,789	0	NA	-	R 14,108	-
1996	3	83	337	37	6,051	540	35	524	125	9,006	1,001	18	17,674	0	NA	-	R 8,993	-
1997	3	83	274	11	6,878	828	93	529	132	9,195	923	16	18,879	0	NA	-	8,706	-
Trillion Btu																		
1960	16.8	12.3	4.9	0.1	47.2	0.2	5.0	0.8	0.9	31.4	61.8	1.3	153.7	0.0	0.1	R 2.9	0.0	1.6 R 187.2
1965	11.5	17.0	6.0	0.3	40.1	0.3	3.8	0.9	0.9	34.1	39.5	1.9	127.8	0.0	(s)	R 3.5	0.0	14.0 R 173.8
1970	0.2	25.6	6.2	0.7	50.3	0.8	2.4	1.4	0.8	42.1	61.2	1.8	167.6	0.0	(s)	R 5.2	0.0	24.3 R 223.1
1975	0.1	23.5	8.8	1.4	46.6	1.5	0.7	1.8	0.6	47.1	27.6	0.8	137.1	0.0	(s)	R 4.0	0.0	41.9 R 206.7
1980	0.2	28.2	6.9	1.4	29.3	2.0	0.5	1.1	0.8	44.2	15.9	3.0	104.9	0.0	(s)	R 5.5	0.0	47.9 R 186.7
1985	0.2	30.9	19.7	0.2	25.9	2.8	0.8	1.8	0.7	45.5	14.0	0.7	112.2	0.0	4.4	R 4.6	0.0	50.5 R 202.7
1986	0.7	27.1	9.8	0.2	30.9	2.2	1.0	2.1	0.7	47.0	23.7	0.4	117.9	0.0	0.1	R 4.8	0.0	54.3 R 204.8
1987	0.1	36.9	11.8	0.2	35.3	3.0	0.6	2.4	0.8	48.0	14.6	0.4	117.1	0.0	0.1	R 3.6	0.0	55.8 R 213.6
1988	4.4	31.6	11.6	0.2	34.6	3.6	0.7	2.1	0.8	48.7	19.1	0.3	121.6	0.0	7.0	R 3.7	0.0	52.4 R 220.7
1989	0.7	34.9	10.6	0.2	34.4	4.1	0.4	1.8	0.8	46.6	10.7	0.3	110.0	0.0	R i 0.8	R i 3.8	R i (s)	62.8 R i 213.1
1990	0.1	36.8	10.8	0.2	27.0	4.4	0.3	1.8	0.8	46.0	9.0	0.3	100.8	0.0	1.5	R 3.7	(s)	60.0 R 203.3
1991	0.1	55.8	3.1	0.2	29.5	3.7	0.3	1.7	0.7	45.6	6.9	0.1	91.7	0.0	1.5	R 3.5	(s)	64.9 R 218.0
1992	0.1	79.2	10.0	0.2	30.9	3.1	0.3	1.7	0.7	46.0	7.6	0.1	100.5	0.0	7.7	R 3.7	(s)	56.9 R 250.5
1993	0.1	77.8	5.4	(s)	31.9	3.0	0.3	1.9	0.8	46.7	8.3	0.1	98.2	0.0	8.6	R 4.1	(s)	57.6 R 249.0
1994	0.1	73.3	8.3	0.1	34.5	3.0	0.3	1.8	0.8	45.3	7.4	0.1	101.7	0.0	3.6	R 4.3	(s)	62.5 R 247.7
1995	0.1	72.0	6.6	0.1	33.4	2.8	0.4	1.7	0.8	46.9	6.0	0.1	98.7	0.0	10.5	R 4.7	(s)	48.1 R 239.7
1996	0.1	87.7	2.2	0.2	35.2	3.1	0.2	1.9	0.8	47.3	6.3	0.1	97.3	0.0	9.4	R 4.8	(s)	30.7 R 233.2
1997	0.1	84.9	1.8	0.1	40.1	4.7	0.5	1.9	0.8	48.3	5.8	0.1	104.1	0.0	7.4	3.7	(s)	29.7 235.1

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> "Other" is the subtotal of 16 petroleum products consumed in the industrial sector. See a full description in Appendix A, Section 4, "Other Petroleum Products."

<sup>d</sup> If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.

<sup>e</sup> "Biomass" is wood, waste, and ethanol. Ethanol blended into motor gasoline is included in motor gasoline and total petroleum. It is also included in the biomass series to give complete biomass data, but it is counted only once in the energy total.

<sup>f</sup> "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.

<sup>g</sup> Net interstate flow of electricity is the difference between the amount of energy in the electricity sold within a State (including associated losses) and the energy input at the electric utilities within the State. A positive number

indicates that more electricity (including associated losses) came into the State than went out of the State during the year; conversely, a negative number indicates that more electricity (including associated losses) went out of the State than came into the State.

<sup>h</sup> From 1989, "Total" does not equal the sum of the columns. Ethanol (which is shown in the transportation sector table) is included in both motor gasoline and biomass data in this table but only once in the total. Net imports of electricity generated from nonrenewable energy sources (shown in appendix Table A8) is included in the total in this table but not in any other columns.

<sup>i</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

kWh=kilowatthours. R=Revised data. -=Not applicable. NA=Not available.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 252. Residential Energy Consumption Estimates, Selected Years 1960-1997, Rhode Island

Year	Coal			Natural Gas <sup>b</sup>	Petroleum				Wood	Geothermal	Solar <sup>c</sup>	Electricity <sup>a</sup>	Net Energy	Electrical System Energy Losses <sup>d</sup>	
	Bituminous Coal and Lignite <sup>a</sup>	Anthracite <sup>a</sup>	Total		Distillate Fuel <sup>a</sup>	Kerosene <sup>a</sup>	LPG <sup>a</sup>	Total							
	Billion Cubic Feet	Thousand Barrels				Thousand Cords	Geothermal	Solar <sup>c</sup>							
Year	Thousand Short Tons	Thousand Short Tons	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels	Thousand Cords	Geothermal	Solar <sup>c</sup>	Million Kilowatthours	Million Kilowatthours	Million Kilowatthours	Million Kilowatthours	Million Kilowatthours	Million Kilowatthours	Total
1960	0	12	12	7	5,507	770	149	6,426	R 52	—	—	620	—	1,542	—
1965	0	8	8	9	4,828	534	134	5,496	R 46	—	—	871	—	2,080	—
1970	0	5	5	12	5,835	335	158	6,328	R 58	—	—	1,390	—	3,368	—
1975	0	3	3	13	5,395	87	148	5,629	R 64	—	—	1,684	—	4,063	—
1980	0	2	2	14	3,297	54	115	3,466	R 264	—	—	1,840	—	4,474	—
1985	0	3	3	15	3,419	131	279	3,828	R 223	—	—	1,971	—	4,630	—
1986	0	3	3	16	2,998	162	256	3,416	R 217	—	—	2,064	—	4,747	—
1987	0	2	2	17	3,195	102	304	3,601	R 158	—	—	2,186	—	4,994	—
1988	0	2	2	18	3,602	96	264	3,961	R 164	—	—	2,319	—	5,243	—
1989	0	2	2	18	3,179	57	272	3,508	R 170	—	—	2,370	—	R 5,325	—
1990	0	3	3	18	2,554	38	277	2,869	152	—	—	2,376	—	R 5,198	—
1991	0	2	2	17	2,688	35	280	3,003	160	—	—	2,369	—	R 5,157	—
1992	0	3	3	20	3,270	37	267	3,574	168	—	—	2,363	—	5,048	—
1993	0	2	2	20	3,280	40	319	3,639	173	—	—	2,412	—	5,096	—
1994	0	2	2	17	3,517	38	313	3,868	R 169	—	—	2,457	—	R 5,127	—
1995	0	2	2	17	3,355	27	283	3,665	188	—	—	2,472	—	5,149	—
1996	0	2	2	19	3,529	30	338	3,897	188	—	—	2,481	—	5,163	—
1997	0	2	2	18	3,722	34	338	4,094	136	—	—	2,486	—	5,164	—
<b>Trillion Btu</b>															
1960	0.0	0.3	0.3	6.9	32.1	4.4	0.6	37.0	R 1.0	0.0	0.0	2.1	R 47.5	5.3	R 52.7
1965	0.0	0.2	0.2	9.3	28.1	3.0	0.5	31.7	R 0.9	0.0	0.0	3.0	R 45.1	7.1	R 52.2
1970	0.0	0.1	0.1	12.2	34.0	1.9	0.6	36.5	R 1.2	0.0	0.0	4.7	R 54.7	11.5	R 66.2
1975	0.0	0.1	0.1	13.2	31.4	0.5	0.5	32.5	R 1.3	0.0	0.0	5.7	R 52.8	13.9	R 66.6
1980	0.0	(s)	(s)	14.3	19.2	0.3	0.4	19.9	R 5.3	0.0	0.0	6.3	R 45.8	15.3	R 61.0
1985	0.0	0.1	0.1	15.5	19.9	0.7	1.0	21.7	R 4.5	0.0	0.0	6.7	R 48.4	15.8	R 64.2
1986	0.0	0.1	0.1	16.6	17.5	0.9	0.9	19.3	R 4.3	0.0	0.0	7.0	R 47.3	16.2	R 63.5
1987	0.0	0.1	0.1	17.2	18.6	0.6	1.1	20.3	R 3.2	0.0	0.0	7.5	R 48.2	17.0	R 65.2
1988	0.0	(s)	(s)	18.2	21.0	0.5	1.0	22.5	R 3.3	0.0	0.0	7.9	R 51.9	17.9	R 69.8
1989	0.0	(s)	(s)	18.8	18.5	0.3	1.0	19.8	R 3.4	e 0.0	R e (s)	8.1	R e 50.2	18.2	R e 68.3
1990	0.0	0.1	0.1	18.2	14.9	0.2	1.0	16.1	3.0	0.0	(s)	8.1	R 45.5	17.7	63.3
1991	0.0	0.1	0.1	17.9	15.7	0.2	1.0	16.9	3.2	0.0	(s)	8.1	46.1	17.6	63.7
1992	0.0	0.1	0.1	20.4	19.1	0.2	1.0	20.2	3.4	0.0	(s)	8.1	52.1	17.2	69.3
1993	0.0	(s)	(s)	20.3	19.1	0.2	1.2	20.5	3.5	0.0	(s)	8.2	52.5	17.4	69.9
1994	0.0	(s)	(s)	17.9	20.5	0.2	1.1	21.8	3.4	0.0	(s)	8.4	51.6	17.5	69.1
1995	0.0	(s)	(s)	17.8	19.5	0.2	1.0	20.7	3.8	0.0	(s)	8.4	50.8	17.6	68.4
1996	0.0	(s)	(s)	20.2	20.6	0.2	1.2	22.0	3.8	0.0	(s)	8.5	54.5	17.6	72.1
1997	0.0	(s)	(s)	18.6	21.7	0.2	1.2	23.1	2.7	0.0	(s)	8.5	53.0	17.6	70.6

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> Includes small amounts of solar energy consumed by the commercial sector that cannot be separately identified. See Appendix A, Section 5, for explanation of estimation methodology.

<sup>d</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

<sup>e</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of

non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

**Table 253. Commercial Energy Consumption Estimates, Selected Years 1960-1997, Rhode Island**

Year	Coal			Natural Gas <sup>b</sup>	Petroleum						Wood	Electricity <sup>a</sup>	Electrical System Energy Losses <sup>c</sup>			
	Bituminous Coal and Lignite <sup>a</sup>	Anthracite <sup>a</sup>	Total		Distillate Fuel <sup>a</sup>	Kerosene <sup>a</sup>	LPG <sup>a</sup>	Motor Gasoline	Residual Fuel <sup>a</sup>	Total						
	Thousand Short Tons			Billion Cubic Feet	Thousand Barrels						Thousand Cords	Geothermal	Million Kilowatthours	Net Energy	Million Kilowatthours	Total <sup>d</sup>
1960	0	8	8	2	1,381	17	26	26	1,237	2,688	R 1	—	376	—	935	—
1965	0	5	5	3	1,211	12	24	32	634	1,913	R 1	—	546	—	1,304	—
1970	0	3	3	5	1,464	7	28	36	971	2,506	R 1	—	1,285	—	3,114	—
1975	0	2	2	4	1,353	2	26	41	602	2,024	R 1	—	1,576	—	3,801	—
1980	0	1	1	7	617	0	20	49	180	866	R 6	—	1,892	—	4,601	—
1985	0	2	2	8	441	4	49	32	552	1,078	NA	—	2,159	—	5,073	—
1986	0	2	2	7	806	4	45	35	1,141	2,031	NA	—	2,268	—	5,216	—
1987	0	2	2	9	891	5	54	36	509	1,495	NA	—	2,396	—	5,474	—
1988	0	1	1	8	808	3	47	35	620	1,512	NA	—	2,539	—	5,741	—
1989	0	1	1	9	779	5	48	38	457	1,327	NA	—	2,630	—	R 5,908	—
1990	0	2	2	8	673	2	49	39	605	1,367	NA	—	2,688	—	5,880	—
1991	0	2	2	8	775	1	49	36	588	1,451	NA	—	2,671	—	R 5,815	—
1992	0	2	2	9	603	3	47	32	523	1,208	NA	—	2,670	—	R 5,704	—
1993	0	1	1	9	640	2	56	10	642	1,350	R 14	—	2,718	—	5,742	—
1994	0	1	1	12	809	5	55	10	633	1,512	R 14	—	2,737	—	R 5,711	—
1995	0	1	1	12	717	30	50	10	506	1,314	R 14	—	2,790	—	R 5,813	—
1996	0	1	1	12	820	2	60	10	679	1,570	R 15	—	2,773	—	5,771	—
1997	0	1	1	12	766	55	60	11	621	1,513	13	—	2,826	—	5,870	—
<b>Trillion Btu</b>																
1960	0.0	0.2	0.2	1.8	8.0	0.1	0.1	0.1	7.8	16.2	(s)	0.0	1.3	19.4	3.2	22.6
1965	0.0	0.1	0.1	2.7	7.1	0.1	0.1	0.2	4.0	11.4	(s)	0.0	1.9	R 16.1	4.4	20.5
1970	0.0	0.1	0.1	5.2	8.5	(s)	0.1	0.2	6.1	15.0	(s)	0.0	4.4	24.6	10.6	35.2
1975	0.0	(s)	(s)	4.3	7.9	(s)	0.1	0.2	3.8	12.0	(s)	0.0	5.4	21.7	13.0	34.7
1980	0.0	(s)	(s)	6.9	3.6	0.0	0.1	0.3	1.1	5.1	R 0.1	0.0	6.5	R 18.6	15.7	R 34.3
1985	0.0	(s)	(s)	7.8	2.6	(s)	0.2	0.2	3.5	6.4	NA	0.0	7.4	21.7	17.3	39.0
1986	0.0	(s)	(s)	6.9	4.7	(s)	0.2	0.2	7.2	12.2	NA	0.0	7.7	26.9	17.8	44.7
1987	0.0	(s)	(s)	9.7	5.2	(s)	0.2	0.2	3.2	8.8	NA	0.0	8.2	26.7	18.7	45.4
1988	0.0	(s)	(s)	8.6	4.7	(s)	0.2	0.2	3.9	9.0	NA	0.0	8.7	26.2	19.6	45.8
1989	0.0	(s)	(s)	9.0	4.5	(s)	0.2	0.2	2.9	7.8	NA	0.0	9.0	25.8	20.2	46.0
1990	0.0	0.1	0.1	8.3	3.9	(s)	0.2	0.2	3.8	8.1	NA	0.0	9.2	25.6	20.1	45.7
1991	0.0	(s)	(s)	8.5	4.5	(s)	0.2	0.2	3.7	8.6	NA	0.0	9.1	26.2	19.8	46.1
1992	0.0	(s)	(s)	9.2	3.5	(s)	0.2	0.2	3.3	7.2	NA	0.0	9.1	25.6	19.5	45.0
1993	0.0	(s)	(s)	9.5	3.7	(s)	0.2	0.1	4.0	8.0	R 0.3	0.0	9.3	R 27.1	19.6	R 46.7
1994	0.0	(s)	(s)	12.4	4.7	(s)	0.2	0.1	4.0	9.0	R 0.3	0.0	9.3	R 31.0	19.5	R 50.5
1995	0.0	(s)	(s)	12.4	4.2	0.2	0.2	0.1	3.2	7.8	R 0.3	0.0	9.5	R 30.0	19.8	R 49.8
1996	0.0	(s)	(s)	13.2	4.8	(s)	0.2	0.1	4.3	9.3	R 0.3	0.0	9.5	R 32.3	19.7	R 52.0
1997	0.0	(s)	(s)	12.6	4.5	0.3	0.2	0.1	3.9	9.0	0.3	0.0	9.6	31.5	20.0	51.5

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

R=Revised data.

—=Not applicable. NA=Not available.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

<sup>d</sup> Small amounts of solar energy consumed in the commercial sector cannot be separately identified and are included in residential consumption.

Table 254. Industrial Energy Consumption Estimates, Selected Years 1960-1997, Rhode Island

Year	Coal	Natural Gas <sup>a</sup>	Petroleum										Hydro-electric Power <sup>b</sup>	Wood and Waste	Other <sup>b,d</sup>	Electricity <sup>b</sup>	Net Energy	Electrical System Energy Losses <sup>e</sup>	Total
			Asphalt and Road Oil <sup>b</sup>	Distillate Fuel <sup>b</sup>	Kerosene <sup>b</sup>	LPG <sup>b</sup>	Lubricants <sup>b</sup>	Motor Gasoline	Residual Fuel <sup>b</sup>	Other <sup>b,c</sup>	Total	Million kWh	Million kWh	Million kWh	Million kWh	Million kWh	Million kWh		
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels										NA	NA	NA	NA	NA		
1960	4	3	735	367	99	31	52	6	4,051	221	5,561	1	—	—	916	—	2,277	—	
1965	4	4	907	431	120	61	85	5	2,135	337	4,082	(s)	—	—	1,274	—	3,042	—	
1970	2	6	937	672	89	162	49	3	3,246	313	5,470	0	—	—	1,253	—	3,036	—	
1975	2	6	1,330	440	40	297	40	3	1,916	149	4,215	0	—	—	1,191	—	2,874	—	
1980	4	5	1,041	415	30	149	62	2	654	539	2,892	0	—	—	1,399	—	3,402	—	
1985	4	5	2,974	247	(s)	150	56	26	973	127	4,555	0	—	—	1,300	—	3,054	—	
1986	23	3	1,479	287	2	266	55	31	1,165	71	3,356	0	—	—	1,326	—	3,051	—	
1987	1	4	1,773	543	3	303	62	28	837	79	3,627	0	—	—	1,360	—	3,108	—	
1988	172	4	1,741	271	17	234	60	33	633	62	3,051	0	—	—	1,361	—	3,077	—	
1989	24	5	1,605	312	1	163	62	35	497	59	2,733	f NA	—	—	1,360	—	R 3,055	—	
1990	(s)	4	1,634	235	14	156	63	35	459	58	2,654	NA	—	—	1,354	—	2,962	—	
1991	0	27	461	229	15	122	57	26	379	13	1,302	NA	—	—	1,363	—	2,967	—	
1992	0	48	1,502	282	11	128	58	26	460	14	2,480	NA	—	—	1,359	—	2,903	—	
1993	0	46	819	289	8	129	59	49	601	15	1,968	NA	—	—	1,419	—	2,997	—	
1994	0	41	1,256	306	7	118	61	49	471	15	2,283	NA	—	—	1,378	—	2,876	—	
1995	0	35	990	271	7	119	60	54	378	15	1,895	NA	—	—	1,374	—	2,862	—	
1996	0	26	337	298	3	119	59	47	320	18	1,201	NA	—	—	1,351	—	R 2,811	—	
1997	0	24	274	353	3	125	62	51	301	16	1,185	NA	—	—	1,380	—	2,867	—	
<b>Trillion Btu</b>																			
1960	0.1	3.0	4.9	2.1	0.6	0.1	0.3	(s)	25.5	1.3	34.8	(s)	R 1.8	0.0	3.1	R 42.8	7.8	R 50.6	
1965	0.1	4.4	6.0	2.5	0.7	0.2	0.5	(s)	13.4	1.9	25.3	(s)	R 2.6	0.0	4.3	R 36.8	10.4	R 47.2	
1970	(s)	5.9	6.2	3.9	0.5	0.6	0.3	(s)	20.4	1.8	33.7	0.0	R 4.0	0.0	4.3	R 47.9	10.4	R 58.3	
1975	0.1	5.9	8.8	2.6	0.2	1.1	0.2	(s)	12.0	0.8	25.9	0.0	R 2.7	0.0	4.1	R 38.6	9.8	R 48.4	
1980	0.1	5.2	6.9	2.4	0.2	0.5	0.4	(s)	4.1	3.0	17.5	0.0	R 0.1	0.0	4.8	R 27.7	11.6	R 39.3	
1985	0.1	4.8	19.7	1.4	(s)	0.5	0.3	0.1	6.1	0.7	29.0	0.0	R 0.1	0.0	4.4	R 38.4	10.4	R 48.9	
1986	0.6	3.6	9.8	1.7	(s)	1.0	0.3	0.2	7.3	0.4	20.7	0.0	R 0.4	0.0	4.5	R 29.7	10.4	R 40.2	
1987	(s)	4.5	11.8	3.2	(s)	1.1	0.4	0.1	5.3	0.4	22.2	0.0	R 0.4	0.0	4.6	R 31.9	10.6	R 42.5	
1988	4.3	4.6	11.6	1.6	0.1	0.9	0.4	0.2	4.0	0.3	18.9	0.0	R 0.4	0.0	4.6	R 32.9	10.5	R 43.4	
1989	0.6	4.7	10.6	1.8	(s)	0.6	0.4	0.2	3.1	0.3	17.1	f 0.0	R 10.4	f 0.0	4.6	R 27.4	10.4	R f 37.8	
1990	(s)	4.5	10.8	1.4	0.1	0.6	0.4	0.2	2.9	0.3	16.6	0.0	R 0.7	0.0	4.6	R 26.4	10.1	R 36.5	
1991	0.0	27.6	3.1	1.3	0.1	0.4	0.3	0.1	2.4	0.1	7.9	0.0	R 0.3	0.0	4.7	R 40.5	10.1	R 50.6	
1992	0.0	48.8	10.0	1.6	0.1	0.5	0.4	0.1	2.9	0.1	15.6	0.1	R 0.3	0.0	4.6	R 69.4	9.9	R 79.4	
1993	0.0	47.4	5.4	1.7	(s)	0.5	0.4	0.3	3.8	0.1	12.1	0.1	R 0.3	0.0	4.8	R 64.7	10.2	R 75.0	
1994	0.0	42.1	8.3	1.8	(s)	0.4	0.4	0.3	3.0	0.1	14.3	0.1	R 0.6	0.0	4.7	R 61.8	9.8	R 71.6	
1995	0.0	36.0	6.6	1.6	(s)	0.4	0.4	0.3	2.4	0.1	11.7	0.1	R 0.7	0.0	4.7	R 53.2	9.8	R 63.0	
1996	0.0	27.7	2.2	1.7	(s)	0.4	0.4	0.2	2.0	0.1	7.1	0.1	R 0.7	0.0	4.6	R 40.3	9.6	R 49.9	
1997	0.0	25.0	1.8	2.1	(s)	0.5	0.4	0.3	1.9	0.1	7.0	0.1	0.7	0.0	4.7	37.5	9.8	47.3	

<sup>a</sup> Includes supplemental gaseous fuels.<sup>b</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.<sup>c</sup> "Other" is the subtotal of 16 petroleum products. See a full description in Appendix A, Section 4, "Other Petroleum Products."<sup>d</sup> "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.<sup>e</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

kWh=kilowatthours. —=Not applicable. NA=Not available.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

**Table 255. Transportation Energy Consumption Estimates, Selected Years 1960-1997, Rhode Island**

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum									Ethanol <sup>c</sup>	Electricity <sup>a</sup>	Net Energy	Electrical System Energy Losses <sup>d</sup>	Total <sup>c</sup>	
			Aviation Gasoline <sup>a</sup>	Distillate Fuel <sup>a</sup>	Jet Fuel <sup>a</sup>	LPG <sup>a</sup>	Lubricants <sup>a</sup>	Motor Gasoline	Residual Fuel <sup>a</sup>	Total							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Thousand Gallons	Million Kilowatthours	Million Kilowatthours	Million Kilowatthours	Million Kilowatthours		
1960	0	(s)	19	838	38	1	103	5,943	3,826	10,768	0	0	—	0	—	—	
1965	0	(s)	63	393	49	4	69	6,455	2,637	9,669	0	0	—	0	—	—	
1970	0	(s)	148	604	137	28	77	7,970	2,519	11,482	0	0	—	0	—	—	
1975	(s)	(s)	285	788	271	27	57	8,929	329	10,685	0	0	—	0	—	—	
1980	0	(s)	269	675	348	9	70	8,365	58	9,794	0	0	—	0	—	—	
1985	0	(s)	30	326	498	22	64	8,606	0	9,545	0	0	—	0	—	—	
1986	0	(s)	35	1,182	387	18	62	8,872	6	10,563	0	0	—	0	—	—	
1987	0	(s)	42	1,399	528	8	70	9,076	168	11,291	0	0	—	0	—	—	
1988	0	(s)	46	1,213	636	21	68	9,208	293	11,484	0	0	—	0	—	—	
1989	0	(s)	46	1,598	724	19	70	8,801	68	11,325	e 0	0	—	0	—	—	
1990	0	(s)	42	1,156	776	19	72	8,692	35	10,791	0	0	—	0	—	—	
1991	0	(s)	30	1,353	656	15	64	8,618	9	10,745	0	0	—	0	—	—	
1992	0	(s)	30	1,136	556	14	65	8,697	59	10,558	0	0	—	0	—	—	
1993	0	(s)	8	1,244	527	9	66	8,824	22	10,701	0	0	—	0	—	—	
1994	0	(s)	10	1,282	529	16	69	8,572	10	10,489	0	0	—	0	—	—	
1995	0	1	22	1,368	500	8	68	8,864	2	10,832	0	0	—	0	—	—	
1996	0	1	37	1,329	540	7	66	8,950	2	10,932	0	0	—	0	—	—	
1997	0	1	11	2,010	828	7	70	9,133	1	12,059	0	0	—	0	—	—	
Trillion Btu																	
1960	0.0	0.2	0.1	4.9	0.2	(s)	0.6	31.2	24.1	61.1	0.0	0.0	61.3	0.0	61.3	—	
1965	0.0	0.1	0.3	2.3	0.3	(s)	0.4	33.9	16.6	53.8	0.0	0.0	53.9	0.0	53.9	—	
1970	0.0	(s)	0.7	3.5	0.8	0.1	0.5	41.9	15.8	63.3	0.0	0.0	63.3	0.0	63.3	—	
1975	(s)	(s)	1.4	4.6	1.5	0.1	0.3	46.9	2.1	57.0	0.0	0.0	57.0	0.0	57.0	—	
1980	0.0	0.2	1.4	3.9	2.0	(s)	0.4	43.9	0.4	52.0	0.0	0.0	52.2	0.0	52.2	—	
1985	0.0	0.1	0.2	1.9	2.8	0.1	0.4	45.2	0.0	50.5	0.0	0.0	50.7	0.0	50.7	—	
1986	0.0	0.1	0.2	6.9	2.2	0.1	0.4	46.6	(s)	56.3	0.0	0.0	56.4	0.0	56.4	—	
1987	0.0	0.1	0.2	8.1	3.0	(s)	0.4	47.7	1.1	60.5	0.0	0.0	60.6	0.0	60.6	—	
1988	0.0	0.1	0.2	7.1	3.6	0.1	0.4	48.4	1.8	61.6	0.0	0.0	61.7	0.0	61.7	—	
1989	0.0	0.1	0.2	9.3	4.1	0.1	0.4	46.2	0.4	60.8	e 0	0.0	e 60.9	0.0	e 60.9	—	
1990	0.0	0.1	0.2	6.7	4.4	0.1	0.4	45.7	0.2	57.7	0.0	0.0	57.8	0.0	57.8	—	
1991	0.0	0.2	0.2	7.9	3.7	0.1	0.4	45.3	0.1	57.5	0.0	0.0	57.7	0.0	57.7	—	
1992	0.0	0.4	0.2	6.6	3.1	0.1	0.4	45.7	0.4	56.4	0.0	0.0	56.8	0.0	56.8	—	
1993	0.0	0.2	(s)	7.2	3.0	(s)	0.4	46.4	0.1	57.2	0.0	0.0	57.4	0.0	57.4	—	
1994	0.0	0.4	0.1	7.5	3.0	0.1	0.4	45.0	0.1	56.1	0.0	0.0	56.5	0.0	56.5	—	
1995	0.0	0.6	0.1	8.0	2.8	(s)	0.4	46.6	(s)	57.9	0.0	0.0	58.6	0.0	58.6	—	
1996	0.0	0.7	0.2	7.7	3.1	(s)	0.4	47.0	(s)	58.4	0.0	0.0	59.2	0.0	59.2	—	
1997	0.0	0.9	0.1	11.7	4.7	(s)	0.4	48.0	(s)	64.9	0.0	0.0	65.7	0.0	65.7	—	

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

<sup>b</sup> Includes supplemental gaseous fuels. Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, is also gas consumed as vehicle fuel.

<sup>c</sup> Ethanol blended into motor gasoline, which is accounted for under motor gasoline, is shown separately here to display the use of renewable energy by the transportation sector and is included only once in the total.

<sup>d</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

<sup>e</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

**Table 256. Estimates of Energy Input at Electric Utilities, Selected Years 1960-1997, Rhode Island**

Year	Coal			Natural Gas <sup>a</sup>	Petroleum				Nuclear Electric Power	Hydroelectric Power <sup>e</sup>	Wood and Waste	Geothermal Energy	Other <sup>b,f</sup>	Total <sup>g</sup>				
	Bituminous Coal and Lignite	Anthracite	Total		Heavy Oil <sup>b,c</sup>	Light Oil <sup>b,d</sup>	Petroleum Coke <sup>b</sup>	Total										
	Billion Cubic Feet			Thousand Barrels				Million Kilowatthours										
Year	Thousand Short Tons			Billion Cubic Feet	Thousand Barrels				Million Kilowatthours									
1960	574	0	574	(s)	714	13	0	727	0	8	0	0	0	0				
1965	403	0	403	(s)	870	16	0	886	0	1	0	0	0	0				
1970	0	0	0	2	2,990	56	0	3,047	0	3	0	0	0	0				
1975	0	0	0	(s)	1,542	26	0	1,568	0	3	0	0	0	0				
1980	0	0	0	2	1,634	28	0	1,662	0	1	0	0	0	0				
1985	0	0	0	3	708	20	0	728	0	421	0	0	0	0				
1986	0	0	0	0	1,459	28	0	1,487	0	6	0	0	0	0				
1987	0	0	0	5	805	27	0	832	0	9	0	0	0	0				
1988	0	0	0	(s)	1,496	42	0	1,538	0	678	0	0	0	0				
1989	0	0	0	2	679	35	0	713	0	R 76	0	0	0	0				
1990	0	0	0	5	340	19	0	358	0	142	0	0	0	0				
1991	0	0	0	2	123	19	0	142	0	142	0	0	0	0				
1992	0	0	0	(s)	162	17	0	178	0	732	0	0	0	0				
1993	0	0	0	(s)	55	18	0	72	0	828	0	0	0	0				
1994	0	0	0	1	65	16	0	82	0	335	0	0	0	0				
1995	0	0	0	5	63	20	0	83	0	1,006	0	0	0	0				
1996	0	0	0	25	0	75	0	75	0	894	0	0	0	0				
1997	0	0	0	27	0	27	0	27	0	710	0	0	0	0				
Trillion Btu																		
1960	16.1	0.0	16.1	0.4	4.5	0.1	0.0	4.6	0.0	0.1	0.0	0.0	0.0	21.2				
1965	11.1	0.0	11.1	0.5	5.5	0.1	0.0	5.6	0.0	(s)	0.0	0.0	0.0	17.1				
1970	0.0	0.0	0.0	2.4	18.8	0.3	0.0	19.1	0.0	(s)	0.0	0.0	0.0	21.5				
1975	0.0	0.0	0.0	(s)	9.7	0.2	0.0	9.8	0.0	(s)	0.0	0.0	0.0	9.9				
1980	0.0	0.0	0.0	1.7	10.3	0.2	0.0	10.4	0.0	(s)	0.0	0.0	0.0	12.2				
1985	0.0	0.0	0.0	2.6	4.4	0.1	0.0	4.6	0.0	4.4	0.0	0.0	0.0	11.6				
1986	0.0	0.0	0.0	0.0	9.2	0.2	0.0	9.3	0.0	0.1	0.0	0.0	0.0	9.4				
1987	0.0	0.0	0.0	5.5	5.1	0.2	0.0	5.2	0.0	0.1	0.0	0.0	0.0	10.8				
1988	0.0	0.0	0.0	0.2	9.4	0.2	0.0	9.7	0.0	7.0	0.0	0.0	0.0	16.8				
1989	0.0	0.0	0.0	2.2	4.3	0.2	0.0	4.5	0.0	R 0.8	0.0	0.0	0.0	7.7				
1990	0.0	0.0	0.0	5.7	2.1	0.1	0.0	2.2	0.0	1.5	0.0	0.0	0.0	9.8				
1991	0.0	0.0	0.0	1.7	0.8	0.1	0.0	0.9	0.0	1.5	0.0	0.0	0.0	4.5				
1992	0.0	0.0	0.0	0.5	1.0	0.1	0.0	1.1	0.0	7.6	0.0	0.0	0.0	11.5				
1993	0.0	0.0	0.0	0.4	0.3	0.1	0.0	0.4	0.0	8.5	0.0	0.0	0.0	11.9				
1994	0.0	0.0	0.0	0.6	0.4	0.1	0.0	0.5	0.0	3.5	0.0	0.0	0.0	6.8				
1995	0.0	0.0	0.0	5.1	0.4	0.1	0.0	0.5	0.0	10.4	0.0	0.0	0.0	21.7				
1996	0.0	0.0	0.0	25.8	0.0	0.4	0.0	0.4	0.0	9.2	0.0	0.0	0.0	R 38.7				
1997	0.0	0.0	0.0	27.9	0.0	0.2	0.0	0.2	0.0	7.3	0.0	0.0	0.0	40.6				

<sup>a</sup> Includes supplemental gaseous fuels.

<sup>b</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

<sup>c</sup> Prior to 1980, based on oil used in steam plants. Since 1980, heavy oil includes fuel oil nos. 4, 5, and 6 and residual fuel oils.

<sup>d</sup> Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. Since 1980, light oil includes fuel oil nos. 1 and 2, kerosene, and jet fuel.

<sup>e</sup> If applicable, through 1989, includes all net imports of electricity, and, from 1990, includes only the portion of imports of electricity that is derived from hydroelectric power.

<sup>f</sup> "Other" is electricity generated for distribution from wind, photovoltaic, and solar thermal energy.

<sup>g</sup> If applicable, from 1990, includes net imports of electricity generated from nonrenewable energy sources not shown in other columns. See data in appendix Table A8.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.